Body's Chemistry Manipulated by Science

Cancer Control Is 'Within Us'

EXCELSIOR SPRINGS, Mo.—Every human being has within himself "the capacity to cure his own cancer," says Dr. Charles Higgins.

He and other scientists disclosed progress in their efforts to learn how to manipulate this capacity to the full.

It is hidden within the endocrine system of interdependent glands which secrete a host of chemicals that regulate man's development, growth, reproduction and bodily functions, in the opinion of Dr. Higgins, who has earned world fame for his pioneering discoveries of their relations to cancer.

He disclosed the discovery of a new, easily used tool which could bestow a magnificent benefit on the female sex. The tool is a way of getting at the secrets of breast cancer which kills more women than any other.

The tool is a particular kind of rat whose female never develops a breast cancer spontaneously. Dr. Higgins and his associates at the University of Chicago have learned how to inflict that cancer on these females 100 times in every 100 tries.

He said 40 per cent of these cancers were found to depend on the secretions of the endocrine glands for their existence, while 60 per cent are independent of those secretions. This is also, roughly, the proportion of human breast cancers which are dependent or independent of those secretions.

Hope in Leukemia If Traced to Virus

This is the first of three articles written through the American Cancer Society by distinguished authorities in cancer research. The author is head of the cancer research unit of the Veterans Administration Hospital, The Bronx, N.Y.

By Dr. LUDWIK GROSS

NEW YORK (NANA)—Leukemia is one of the most tragic, baffling and intriguing of all the forms of cancer.

The War On Cancer

It is tragic because, among the 12,000 Americans it kills annually, about 2,000 are children.

It is baffling because, despite all the efforts of science and medicine, it remains incurable. We can keep patients alive and in relative good health much longer than was possible a decade or two ago, however.

It is intriguing because at times it seems as though the cause, and even the control, of this disease is almost within the grasp of science. With frustrating consistency, however, each tantalizing new lead, at best, merely adds to our knowledge of the disease—or, at worst, turns out to be a heartbreaking and time-consuming mirage.

Nevertheless, there are many of us in cancer research who feel that if and when cancer is cured, leukemia may be among the first forms of it to come under control.

One of the reasons for this optimism is the suspicion that leukemia may be caused by a virus. The evidence is by no means conclusive; but, to some of us at least, it is impelling.

Leukemia is a cancer of the blood and blood-forming organs. In this disease, the blood-manufacturing tissues become malfunctioning. Marrow cells and lymphatic cells and the white blood cells they produce are young, multiply rapidly and may form tumors in various parts of the body, principally in the spleen, liver and the lymph nodes. The usual functions of the blood may be impaired. Anemia, excessive bleeding may result.

A long list of scientists over the last 60 years have amassed evidence that viruses can and do cause tumors. So far they have implicated viruses as the cause of at least 20 different tumors (most of them solid tumors and several leukemias) in eight different animal species. Viruses are known to cause three different kinds of benign tumors — warts and wartlike growth—in man.

The animal leukemias spread in what might seem to be a peculiar way—from one generation to another. From all evidence at hand, it appears that embryos may acquire the virus from parents during their life within the womb.

This method of transmitting a virus is not as odd as it may seem. Certain virus diseases of tomatoes, lettuce and potatoes are transmitted through the seeds.

It is possible that many millions of people are carriers of the leukemia virus—possibly a majority of us. But the virus in most cases remains dormant during the entire course of our lives. We can only speculate as to whether children might be infected before they were born.

It was first observed in our laboratory in 1953 that in mice the leukemia virus, injected into very young animals, may produce solid cancers—such as those of the parotid gland — instead of leukemia. This fundamental observation has now been confirmed and extended in many laboratories.

We don't know whether these phenomena are due to a single virus or whether other viruses are present in the leukemia filtrates. In any event, this is a most intriguing finding; and eventually we may be able to determine whether these cancers have a common origin.

If it is found that many or all human cancers are caused by the selfsame virus or by a small group of related viruses, we would have reason to rejoice. This would narrow science's search for the cause and cure of cancer and make possible an effective vaccine against many or all forms of the disease. At this time, unfortunately, this is a very big if.

'Love Is a Gentle Thing' Proves Belafonte Best

Off the Record
By Jim Taylor

Harry Belafonte has made many albums, and all have been stellar material. But never has he made one better than his newest, "Love Is A Gentle Thing."

With the trend toward folk music as strong as it is today, Belafonte has stepped in with a collection of love songs that is going to make a few album sales records look a mite sick, even the more impressive ones compiled recently by the Kingston Trio. Within a month, this will be at the top of every LP sales chart in the country.

Why? Because the multi-talented Mr. Belafonte has a way of singing that creates a mood that everyone wants—one of easy listening and utter relaxation. With simple guitar and violin backgrounds, he weaves a spell that sends people back to the record player to start the same disc over and over again.

When you can do that, friend, you have it made in the music game.

There is none of the calypso here that first started Belafonte on the way to stardom. All the cuts are ballads, some happy, some mournful, but all looking at some aspect of love. Since this is an emotion that seems to catch on at this time of year, the LP couldn't have been better timed.

All the cuts are slow-tempo, along the line of his famous "Scarlet Ribbons" and "I'm Just a Country Boy." Side one opens with "Fifteen," the theme of "The World, The Flesh and the Devil," that captures the magic of young love.

This, and the folk songs "Turn Around" and "I Never Will Marry," are the high lights of the LP of the best folk songs by the world's best folk singer. It's hard to beat a combination like that.

★ ★ ★

OTHER LP'S: Speaking of love songs, newcomer **Sonny King** has a unique collection in **"For Losers Only."** The songs are all about lost love, unrequited love, and all that jazz, like "Smoke Gets in Your Eyes" and "The Masquarade is Over" . . . For those who like Negro spirituals, there is a fine collection out by soprano **Adele Addison** and the **Jubilee Singers** entitled **"Little David," Play on Your Harp** . . . Jazz fans are advised to try the triple-LP package **"The Jazz Story,"** more than 40 songs, all reissues of old tapes, plus a commentary by **Steve Allan** Another hot jazz item is **"Seven Ages of Jazz,"** sound-tracks by jazz greats recorded at a festival at Wallingford, Conn.

SELECTED SINGLES: "Cool," by the **Kalin Twins;** "East Virginia" by the **Easy Riders** and "I Still Get a Thrill" by **Joni James.**

HARRY BELAFONTE
. . . has it made

Dream on Wheels Is 'Perfect' Mercedes 190 SL

Car Corner
By J. T. Jones

It's a rare car that combines the luxury, beauty, performance and handling to be found in the Mercedes-Benz 190 SL.

It isn't done cheaply — at $5,750 this semi-sports car isn't the kind of thing handed around as party favors except by Dominican playboys — but that's part of the charm of it. Everything about it is the very best, no expense spared.

I might add that at Daimler-Benz it's the engineering department that calls the tune, and the stylists dance to it. In the case of the SL models, the result is sweet harmony.

To pass over the engineering more lightly than it deserves, here are the basic features:

Engine is a 116-cubic-inch four with single overhead camshaft, developing 120 horsepower and capable of 6,000 rpm. It has such refinements as an oil-cooler and one carburetor barrel for each cylinder.

Suspension is conventional short-and-long-wishbone type at the front (Mercedes invented this many years ago), and the race-proved, single-pivot swing axles at the rear. All springs are coils.

The result is a beautifully-controlled ride and excellent adhesion — although the Stirling Moss kind of manoeuvre is not recommended until the driver knows his car very well.

Transmission is a four-speed, all-synchronized unit with well-chosen ratios but a bit stiff to shift—presumably it will loosen up with use.

The 190 SL is billed as a wildcat, and it doesn't give the impression of anything but docility, but the rest of the traffic noticeably stays behind at traffic lights.

As for brakes, they don't seem powerful either, until you realize you have just pulled down from 50 miles an hour to 10 in about the time it takes to read this sentence.

The one word for the 190 SL's finish is "perfect." In all it has too many good points to detail in a weekend, and I didn't find any bad ones—I haven't heard of any, either.

This thing is a dream on wheels.

Sidney Rotary Elects Hughes

Walter G. Hughes, for many years a member of the staff of the B.C. Forest Service, and owner of Cedarwood Motel, Lochside Drive, has been elected president of Sidney Rotary Club.

Others elected to executive were Harold Fox, treasurer; J. J. Woods, secretary; Robert Scholefield, L. H. Quebec, N. T. Wright and A. R. Spooner, directors

Memorial Arena
SUNDAY, APRIL 5
(Tests and Competition only)
V.F.S.C. 9.00-1.00 p.m.
Family Skating 2.00-4.00 p.m.
V.F.S.C. 5.00-7.00 p.m.
Inter. and Senior Presentations
Olympic S.C. 8.00-10.00 p.m.
Dockyard Rec. 10.00-11.00 p.m.

TONIGHT'S ALL-COLOR MIDNITE SHOW
A Hilarious Technicolor Vista-Vision First-Run Comedy
"THE BIG MONEY"
Ian Carmichael · Belinda Lee · Kathleen Harrison
Showing at 2.54 · 6.07 · 9.20
And On the Same Technicolor Comedy Program . . .
"DOCTOR AT LARGE"
1.14 · 4.27 · 7.40
★ Dirk Bogarde ★ Muriel Pavlow ★ Donald Sinden ★ James Robertson Justice
PLAZA
EV 3-6414

STARTS MONDAY!
THE SILENT DEPTHS EXPLODE WITH VIOLENCE!
LAURENCE HARVEY DAWN ADDAMS JOHN CLEMENTS MICHAEL CRAIG
The SILENT ENEMY
Based on the TRUE exploits of Commander Crabb, heroic Frogman of World War II
EXTRA! — IN COLOR:
"BEST OF THE WEST"
CARTOON: "CHILLY RECEPTION"
Feature at 1.00 - 3.09 - 5.15 - 7.21 - 9.30
Last Show 9.00 p.m.
Monday, April 6th is ACADEMY AWARDS NIGHT IN HOLLYWOOD! 8 PM
ODEON
EV 5-0513
50¢ TILL 2 P.M. Tax Incl.
CHANNEL 6 8.15 P.M.

STARTS MONDAY
"SMILEY"
(Australian)
Here is an another excellent whole family entertainment film, starring the noted British star Ralph Richardson and Australia's favourite "Chips" Rafferty. It was produced entirely in Australia for London Films and is superbly photographed in CinemaScope and color. The biggest boyful, joyful, heartful of mischief, wonder and fun. You could not find a better family film.
Also a Beautiful Featurette:
"Queen of Beauty," Cartoon, News
Doors 6.30
Complete Programs 6.45 and 8.48
Feature 7.12 and 9.15
OAK BAY

FAMOUS ARTISTS LIMITED
ROYAL THEATRE ● MONDAY, APRIL 13
The Brilliant Soviet Mezzo-Soprano
ZARA DOLOUKHANOVA
Review of Concert March 14, 1959, New York
"Remarkable technique—exceptional voice—true sense of artistry! Once again Sol Hurok has picked a winner The excited throng stood up and cheered, and acted as if the GOLDEN AGE OF SONG had returned. MADAME DOLOUKHANOVA HAS EVERYTHING!"
—New York Journal American.
TICKETS AT KENT'S MUSIC STORE, 742 FORT ST.
Phone EV 4-2941. $4.00, $3.50, $2.75, $2.25, $1.75, inc. tax.

STARTS MONDAY
J. Arthur Rank presents
A ROLLICKING COMEDY
"ONE GOOD TURN"
PLUS CARTOON AND SHORTS
Doors at 6.30
Complete Program at 6.50 and 9.00
Feature at 7.20 and 9.30
● FOX ●

Tillicum
OUTDOOR THEATRE
NOW OPEN THURSDAY, FRIDAY AND SATURDAY

ART GALLERY of GREATER VICTORIA
1040 Moss St. EV 4-3123
EXHIBITIONS
Sunday and Tuesday through Saturday—
1. Monsanto Competition (Paintings for Christmas cards.)
2. African Primitive Sculpture
3. Oils from B.C. Society of Artists
PROGRAMS
Monday, 8 p.m.—Members' Picture Loan (Many new pictures will be on view.)
Thursday, 8 p.m. Recorded Music Society (Society and Gallery Members free; guests 40c.)
Friday, 12.30 p.m.—Recorded Concert (Admission free.)
GENERAL NEWS
1. Art Classes. Spring session begins this week. Some vacancies for adult painters in "Life Drawing, General Painting and Painting for Pleasure." Some vacancies in children's classes for 10 to 12 years Thursday afternoons and 7-12 years Saturday mornings.
2. Island sculptors are invited to enter Canada Council $1,500 commission for Gallery.
3. Ninth Annual Jury Show—April 16th deadline for entering paintings and sculpture.
4. Rummage Sale—May 8th. Rummage now accepted at Gallery.
GALLERY HOURS
Closed Mondays
Tuesday through Saturday, 11 a.m. to 5 p.m.
Sunday, 2 to 5 p.m.
also Friday evenings, 7.30-9.30
Admission 25c
Free on Sundays
Single membership $7.50 per annum

USED CAR? MORRISON
CHEVROLET — OLDSMOBILE
Yates at Quadra

NOTE! Due to stage presentation on Monday, "The Inn of the Sixth Happiness"
STARTS AGAIN TUESDAY
THE INN OF THE SIXTH HAPPINESS
Starring
INGRID BERGMAN
CURT JURGENS
ROBERT DONAT
CinemaScope and Color
Royal

NOMINATED FOR 6 ACADEMY AWARDS
Best Picture . . . Best Actress (Rosalind Russell) and Best Supporting Actress (Peggy Cass)
Best Color . . . Best Art Direction . . . Best Editing
1 COMPLETE SHOW 7.30 - FEATURE 8 P.M. - DOORS 7 P.M.
"AUNTIE MAME"
STARRING
ROSALIND RUSSELL
With PEGGY CASS and FORREST TUCKER
They're all here THE WHOLE MAD, MARVELOUS AUNTIE MAME' MOB!
TECHNIRAMA® TECHNICOLOR® From WARNER BROS.
Adult Entertainment Only
General Admission 75¢
DOMINION
MONDAY IS FOTO-NITE
AT 7.50 P.M.
FOUR CASH OFFERS TOTAL $2250
1st—$800
2nd—$700
3rd—$500
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THE HILARIOUS STAR OF 'DOCTOR IN THE HOUSE' IS NOW A SHERIFF OF A WILD AND WOOLLY FRONTIER TOWN . . .
just wait till you see his deputy!
STARTS TOMORROW!
THIS PICTURE MAKES EVEN AN INDIAN LAUGH!
Wild Bill Hickok... Wyatt Earp... Pat Garrett... and now add to the roll of fearless sheriffs the mild-mannered Englishman who became the laughing law of Fractured Jaw.
THE SHERIFF OF FRACTURED JAW
KENNETH MORE
JAYNE MANSFIELD
with HENRY HULL · BRUCE CABOT · RONALD SQUIRE
Produced by DANIEL M. ANGEL · Directed by RAOUL WALSH · Screenplay by ARTHUR DALES
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COLOR by DE LUXE
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"STROLLING DOWN THE LANE WITH BILL", "IF THE SAN FRANCISCO HILLS COULD ONLY TALK" "THE VALLEY OF LOVE"
CAPITOL
A Famous Players Theatre
PLUS—CARTOON IN TECHNICOLOR
"FLAMBOYANT ARMS"
Feature at 1.01 - 3.05 - 5.09 - 7.13 - 9.17